

The Federal Energy Technology Center (FETC) is a government-owned, government-operated facility with a staff of approximately 1,100 federal and contractor employees. FETC has developed a unique set of core competencies... innovative contracting approaches...strong and proven project management expertise...world-class science and engineering skills...expertise in energy and environmental technologies...the ability to assess the cost, performance, and environmental impact of technologies, without bias...and strong administrative skills, including the legal and environmental, safety, and health capabilities necessary to support all activities.



“FETC...in the heart of the energy and environmental corridor”

“We solve national energy and environmental problems”

Our Pledge

Within applicable Federal regulations, FETC provides our Government customers with a comprehensive range of technical, business, and economic services to satisfy their total energy and environmental requirements. These services mean significant energy savings for our customers and enable them to comply with Federal energy reduction mandates. In addition, facilities are upgraded with the most efficient energy-savings equipment, addressing all aspects of operational needs and encompassing available demand-side and supply-side technical alternatives and financial options.

Why DOE?

Part of DOE’s vision is to ensure that the United States has a flexible, clean, efficient, and equitable system of energy supply and end-use with minimal vulnerability to disruption. Through DOE’s Federal Energy Management Program, Government energy savings programs address this vision.

Energy Management Services—

As the largest single consumer of energy in the United States, the Federal Government spends billions to light, heat, and operate its buildings. FETC has chosen to make Energy Management Services available to others because of our understanding of advanced energy-generating technologies and experience gained from developing our own energy savings program.

FETC Energy Management Services

guiding Federal facilities through a complex process to reduce energy consumption



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Meeting Energy Savings Mandates?

Shrinking Budget?



Rising Utility Costs?

Capital Improvements Needed?

Overworked Staff?



WHY FETC ENERGY MANAGEMENT SERVICES?

Meeting Energy Savings Mandates?

The Energy Policy Act and Executive Order 12902, *Energy Efficiency and Water Conservation at Federal Facilities*, requires all U.S. Government facilities to reduce energy consumption from 1985 levels by **20% in 2000** and **30% in 2005**. As a Federal organization and as energy experts, we understand what it takes to meet this challenge. You can benefit from these mandates...

Shrinking Budget?

Reducing your site’s energy consumption is imperative as facility operating budgets shrink. However, the up-front investment needed to achieve any significant energy savings continues to be substantial. Let us assess technical options for reaching your long-term energy goals while stretching your budget. The cost of our services reflects only the actual work performed — no profit, no extra fees.

Rising Utility Costs?

We'll help you conduct a preliminary energy survey of your site, assess your current baseline energy usage, and determine potential measures for energy conservation. Then, we will follow through by helping you develop and implement an energy program designed to fit your needs.

Capital Improvements Needed?

Your existing equipment may not only be wasting energy-- it may be insufficient to meet your mission needs. For most agencies, the costs for urgently needed capital improvements and equipment are greater than available funds. We will help you explore options to fund such improvements, whether they are energy-related or not.

Overworked Staff?

Navigating your way through the technical, economic, legal, and contractual maze toward energy savings and infrastructure improvements takes a lot of learning and analysis — activities that your staff doesn't have time to do. Consider a temporary expansion of your federal staff by “borrowing” some of FETC’s energy experts.

FETC Will Help You Navigate the Way to Energy Savings...



Strategize

Site Energy Strategy—
Develop a Site Energy Strategy to ensure that the best technical options have been explored and your special energy needs are addressed, including answers to your critical questions.

Preliminary Energy Survey —
Conduct a preliminary survey to gather the basic information needed to define your energy savings. Potential energy conservation measures (ECMs) will be identified for (1) heating, ventilating and air conditioning systems; (2) lighting; (3) motors; and (4) water systems.

Assessment of Potential Energy Conservation Measures —
Perform a detailed technical and economic assessment of the most promising ECMs. This assessment determines the reasonableness and innovation of an energy savings performer’s proposed ECMs.

Measure

Energy Usage Baseline—
Will define this critical baseline to be used by you and the energy savings performer in calculating future energy savings. Use the energy usage baseline to benchmark your energy usage with similar facilities nationwide.

Technical Data Package—
Will assist in preparing a package that provides the technical information needed by the Energy Services Companies (ESCOs) to submit proposals. The package will also define a limited-scope project that simplifies the evaluation of competitive proposals and allows you to choose the best performer.

Measurement and Verification—
Monitor and conduct annual energy surveys to validate the ESCO's performance.

Manage

Option and Selection Decision --
Evaluate your contracting alternatives by presenting the advantages and disadvantages of choosing from among (1) Utility Incentive Programs, (2) Energy Savings Performance Contracts (ESPCs) or (3) completing self-financed ECMs.

Agreement Administration—
Will protect you and relieve the burden of this administrative process. Using our procurement authority, we can establish the agreement or work with your procurement group. A full range of administrative, financial, and legal expertise is available.

... you can choose any or all services to meet your needs

Project Management—
Act as your technical project manager to verify that ECMs are properly performed and that equipment is properly installed and commissioned. Standardized reporting describes progress and any deviations.